

Docket No.: 13156-00038-US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Gunnar Heydrich et al.

Application No.: National Phase of PCT/EP04/009832

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: PROCESS FOR WORKING UP
COMPOSITIONS CONTAINING 1,1,2,2-
TETRAMETHOXYETHANE AND
GLYOXAL DIMETHYL ACETAL

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

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Citation AA is mentioned on page 1, lines 24-28 of the specification. Citation BA is mentioned on page 1, lines 28-32 of the specification. Citation AB is an English language counterpart of Citation BC (mentioned on page 2, lines 19-24 of the specification). Citation AC is an English language counterpart of Citation BD (mentioned on page 4, lines 20-32 of the specification). Citation AD is an English language counterpart of Citation BB (mentioned on page 2, lines 5-17 of the specification). Citation AE is an English language counterpart of Citation BE. An English language abstract of Citation BF is attached hereto. Citation CA is discussed on page 1, lines 16-22 of the specification. Citation CB is discussed on page 1, lines 34-38 of the specification.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 13156-00038-US1.

Dated:

Respectfully submitted,

By Stanley J. Green 24,351

Burton A. Amernick

Registration No.: 24,852

CONNOLLY BOVE LODGE & HUTZ LLP

Correspondence Customer Number: 30678

Attorney for Applicant

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Gunnar Heydrich
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	13156-00038-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA*	US-2,360,959	10-24-1944	MacDowell et al.	
	AB*	US-6,013,842	01-11-2000	Gröning et al.	
	AC*	US-6,713,656 B2	03-30-2004	Heydrich et al.	
	AD*	US-5,426,239	06-20-1995	Dressaire et al.	
	AE*	US-5,914,012	06-22-1999	Kaibel et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	GB-359,362		03-16-1931	Johnson & Johnson Limited	✓
	BB	EP-0 607 722-B1		07-27-1994	Societe Francaise Hoechst	✓
	BC	EP-0 847 976-A1		06-17-1998	BASF Aktiengesellschaft	✓
	BD	EP-1 300 383-A2		04-09-2003	BASF Aktiengesellschaft	✓
	BE	EP-0 804 951-A2		11-05-1997	BASF Aktiengesellschaft	✓
	BF	DE-102 09 195-A1		09-18-2003	BASF AG	✓

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	CA	"Gloyoxal Derivatives. V. Reaction of Alcohols with Glyoxal" J.M. Kliegman et al. <i>J. Org. Chem.</i> , Vol. 38, No. 3 (1973) pages 556-560.		
	CB	"The Monoacetalization of Glyoxal: A Direct Synthesis of 2,2-Dimethoxy and Diethoxy Ethanal" Chastrette et al., <i>Synthetic Communications</i> , 1988, pages 1343-1348.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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